

Table 6.2-3. Project Effect on Non-Storm Days below Mill Creek Confluence (River Segment D) - Monthly Summary for WY 1966-67 through WY 1998-99^{1,2}

	Base Period		January		February		March		April		May		June		July		August		September		October		November		December	
	Days	% of Total Days	Days	% of Jan Days	Days	% of Feb Days	Days	% of Mar Days	Days	% of Apr Days	Days	% of May Days	Days	% of Jun Days	Days	% of Jul Days	Days	% of Aug Days	Days	% of Sep Days	Days	% of Oct Days	Days	% of Nov Days	Days	% of Dec Days
HISTORICAL CONDITIONS																										
Total Days	12,053		1,023		932		1,023		990		1,023		990		1,023		1,023		990		1,023		990		1,023	
Storm Days	3,989	33%	568	56%	544	58%	690	67%	574	58%	341	33%	224	23%	122	12%	79	8%	126	13%	146	14%	201	20%	374	37%
Non-Storm Days	8,064	67%	455	44%	388	42%	333	33%	416	42%	682	67%	766	77%	901	88%	944	92%	864	87%	877	86%	789	80%	649	63%
Zero Flow Days	5,679	47%	223	22%	154	17%	204	20%	262	26%	488	48%	642	65%	708	69%	747	73%	679	69%	729	71%	491	50%	352	34%
Minimum Flow for Non-Storm Days (cfs)	0		0		0		0		0		0		0		0		0		0		0		0		0	
Median Flow for Non-Storm Day (cfs)	0		0		1		2		1		0		0		0		0		0		0		0		0	
NO PROJECT																										
Non-Storm Days with Zero Flow	5,624	47%	337	33%	234	25%	224	22%	267	27%	525	51%	643	65%	387	38%	434	42%	678	68%	735	72%	675	68%	485	47%
Non-Storm Days with Flow	2,440	20%	118	12%	154	17%	109	11%	149	15%	157	15%	123	12%	514	50%	510	50%	186	19%	142	14%	114	12%	164	16%
Minimum Flow on Non-Storm Days (cfs)	0		0		0		0		0		0		0		0		0		0		0		0		0	
Median Flow on Non-Storm Days (cfs)	0		0		0		0		0		0		0		12		12		0		0		0		0	
PROJECT SCENARIO A OR B¹																										
Non-Storm Days with Zero Flow	6,436	53%	337	33%	239	26%	224	22%	305	31%	554	54%	658	66%	717	70%	773	76%	692	70%	777	76%	675	68%	485	47%
Non-Storm Days with Flow	1,628	14%	118	12%	149	16%	109	11%	111	11%	128	13%	108	11%	184	18%	171	17%	172	17%	100	10%	114	12%	164	16%
Non-Storm Days with Project Diversion	3,348	28%	0	0%	25	3%	25	2%	68	7%	159	16%	350	35%	846	83%	944	92%	861	87%	22	2%	8	1%	40	4%
Median Flow for Non-Storm Days (cfs)	0		0		0		0		0		0		0		0		0		0		0		0		0	
PROJECT SCENARIO C OR D¹																										
Non-Storm Days with Zero Flow	6,436	53%	337	33%	239	26%	224	22%	305	31%	554	54%	658	66%	717	70%	773	76%	692	70%	777	76%	675	68%	485	47%
Non-Storm Days with Flow	1,628	14%	118	12%	149	16%	109	11%	111	11%	128	13%	108	11%	184	18%	171	17%	172	17%	100	10%	114	12%	164	16%
Non-Storm Days with Project Diversion	693	6%	1	0%	8	1%	0	0%	4	0%	31	3%	26	3%	201	20%	381	37%	39	4%	1	0%	0	0%	1	0%
Median Flow for Non-Storm Days (cfs)	0		0		0		0		0		0		0		0		0		0		0		0		0	
NO PROJECT versus SCENARIO A OR B																										
				% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change
Median Flow for Non-Storm Days (cfs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	-12	-100%	-12	-100%	0	0%	0	0%	0	0%	0	0%
NO PROJECT versus SCENARIO C OR D																										
				% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change		% Change
Median Flow for Non-Storm Days (cfs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	-12	-100%	-12	-100%	0	0%	0	0%	0	0%	0	0%
Notes:																										
¹ Results for 500 cfs and 1,500 cfs diversion rate differ by less than 1%																										
² This segment's base period is limited by the available gage data at the USGS Mill Creek Gage from WY 1966-67 to WY 1998-99.																										